

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number  
**WO 2004/089350 A1**

(51) International Patent Classification<sup>7</sup>: **A61K 31/00**, 31/554, A61P 1/10

(74) Agent: ASTRAZENECA; Global Intellectual Property, P.O. Box 272, Mereside, Macclesfield, Cheshire SK10 4GR (GB).

(21) International Application Number:  
PCT/GB2004/001396

(22) International Filing Date: 1 April 2004 (01.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0307918.3 5 April 2003 (05.04.2003) GB

(71) Applicant (for all designated States except MG, US): ASTRAZENECA AB [SE/SE]; SE-151 85 Sodertalje (SE).

(71) Applicant (for MG only): ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, Greater London, London W1K 1LN (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ABRAHAMSSON, Hasse, Roland [SE/SE]; Sahlgrenska University Hospital, Department of Internal Medicine, SE-413 45 Goteborg (SE). GILLBERG, Per-Goran [SE/SE]; AstraZeneca R & D Molndal, SE-431 83 Molndal (SE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

**WO 2004/089350 A1**

(54) Title: USE OF AN IBAT INHIBITOR FOR THE TREATMENT OF PROPHYLAXIS OF CONSTIPATION

(57) Abstract: The use of an IBAT inhibitor in the treatment and/or prophylaxis of constipation, in a warm-blooded animal, such as man is described.